UTILITY PATENT APPLICATION TRANSMITTAL

| Attorney Docket No. | | | 51876P543 | | | | | |
|---------------------|------------------|------|--|--|--|--|--|--|
| First Inventor Your | | Youn | g-Jin Yoon, et al. | | | | | |
| Title | SYNCHI CIRCUI | | MEMORY DEVICE HAVING ADVANCED DATA ALIGN | | | | | |
| _ | | | | | | | | |

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. | EV339913886US **APPLICATION ELEMENTS** Mail Stop Patent Application Commissioner for Patents Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 ADDRESS TO: See MPEP chapter 600 concerning utility patent application contents Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission > Applicant claims small entity status. 2. See 37 CFR 1.27. (if applicable, all necessary) [Total Pages 27] Computer Readable Form (CRF) 3. 🔀 Specification (preferred arrangement set forth below) Specification Sequence Listing on: - Descriptive title of the Invention i. 🗆 CD-ROM or CD-R (2 copies); or - Cross References to Related Applications ii. 🗆 paper - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, c. 🔲 Statements verifying identity of above copies or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) Assignment Papers (cover sheet & document(s)) - Detailed Description 37 C.F.R. § 3.73(b) Statement 10. \square Power of Attorney - Claim(s) (when there is an assignee) - Abstract of the Disclosure 11. English Translation Document (if applicable) 12. Copies of IDS Information Disclosure Citations 4. Drawing(s) (35 U.S.C. 113) [Total Sheets 12] Statement (IDS)/PTO-1449 Application Amended to 13. 🔲 Preliminary Amendment 5. Oath or Declaration Reflect Claim of [Total Pages _] Return Receipt Postcard (MPEP 503) 14. 🗖 Priority (Should be specifically itemized) a. Newly executed (original or copy) Certified Copy of Priority Document(s) b. Copy from a prior application (37 C.F.R. § 1.63(d)) (if foreign priority is claimed) (for continuation/divisional with Box 18 completed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). **DELETION OF INVENTOR(S)** Applicant must attach form PTO/SB/35 or its equivalent. Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). Other: 17. 🔀 -Request For Priority (1 pg) -Certified Copy of Priority Document (36 pgs) Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: Prior application Information: Examiner Group/Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number 08791 Correspondence address below Name Blakely, Sokoloff, Taylor & Zafman LLP 12400 Wilshire Boulevard, 7th Floor Address City Los Angeles State California Zip Code 90025 Country (310) 207-3800 Telephone Fax (310) 820-5988 Name (Print/Type) Thomas M. Coester Registration No. (Attorney/Agent)

Name (PrintType) Thomas M. Coester Registration No. (Attorney/Agent) 39,637

Signature Date 12/29/03

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

(\$)

806.00

| Complete if Known | | | | | | |
|----------------------|----------------|--|--|--|--|--|
| Application Number | | | | | | |
| Filing Date | | | | | | |
| First Named Inventor | Young-Jin Yoon | | | | | |
| Examiner Name | | | | | | |
| Group/Art Unit | | | | | | |
| Attorney Docket No. | 51976D543 | | | | | |

Date

| METHOD OF PAYMENT (check all that apply) | FEE CALCULATION (continued) | | | | | | | |
|--|-----------------------------|-----------------------------|--------------|------------|---|----------------------|----------|-----------|
| Maria Danie Demonstra | 3. ADDITIONAL FEES | | | | | | | |
| Check ☐ Credit card ☐ Money ☐ Other ☐ None Deposit Account | Larg | Large Entity Small En | | | v | | | |
| Deposit Account | Fee | Fee | Fee | Fee | <u>, </u> | | | |
| Deposit Account Number 02-2666 | Code | (\$) | Code | (\$) | Fe | e Description | | FeePaid |
| Number 02-2000 | 1051 | 130 | 2051 | 65 | Surcharge - late filing | | | |
| Deposit Account District Calculate Taylor 9, 7, 5, 11 D | 1052 | 50 | 2052 | 25 | Surcharge - late provi cover sheet, | sional filing fee or | | 1 1 |
| Blakely, Sokoloff, Taylor & Zafman LLP | 2053 | 130 | 2053 | 130 | Non-English specifica | tion | | |
| The Commissioner is authorized to: (check all that apply) | 1812 | 2,520 | 1812 | 2,520 | For filing a request for | ex parte reexamir | nation | |
| Charge fee(s) indicated below Credit any overpayments | 1804 | 920 • | 1804 | 920 | Requesting publication | n of SIR prior to | | |
| Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. | 1805 | 1,840 * | 1805 | 1,840 | * Requesting publication | n of SIR after | | <u> </u> |
| Charge fee(s) indicated below, except for the filing fee | | ., | | ., | Examiner action | | | <u> </u> |
| to the above-identified deposit account | 1251 | 110 | 2251 | 55 | Extension for reply wi | thin first month | | |
| FEE CALCULATION | 1252 | 420 | 2252 | 210 | Extension for reply wi | thin second month | | |
| 1. BASIC FILING FEE | 1253 | 950 | 2253 | 475 | Extension for reply wi | thin third month | | |
| Large Entity Small Entity | 1254 | 1,480 | 2254 | 740 | Extension for reply wi | thin fourth month | | |
| Fee Fee Fee Fee Fee Description Fee Pad Code (\$) | 1255 | 1,210 | 2255 | 605 | Extension for reply w | thin fifth month | | |
| 1001 770 2001 385 Utility filing fee 770.00 | 1404 | 330 | 2401 | 165 | Notice of Appeal | | | |
| 1002 340 2002 170 Design filing fee | 1402 | 330 | 2402 | 165 | Filing a brief in suppo | rt of an appeal | | |
| 1003 530 2003 265 Plant filing fee | 1403 | 290 | 2403 | 145 | Request for oral hear | ing | | |
| 1004 770 2004 385 Reissue filing fee | 1451 | 1,510 | 2451 | 1,510 | Petition to institute a | • | ing | |
| 1005 160 2005 80 Provisional filing fee | 1452 | 110 | 2452 | 55 | Petition to revive - un | | | |
| SUBTOTAL (1) (\$) 770.00 | 1453 | 1,330 | 2453 | 665 | Petition to revive - un | | | |
| | 1501 1502 | 1,330 | 2501 2502 | 665 | Utility issue fee (or re | issue) | | |
| 2. EXTRA CLAIM FEES Extra Fee from Claims below Fee Paid | 1503 | 480 640 | 2503 | 240 320 | Design issue fee | | | |
| Total Claims 22 - 20" = 2 x 18.00 = \$36.00 | 1460 | 130 | 2460 | 130 | Plant issue fee Petitions to the Comr | niccionor | | |
| Independent 1 3 = 0 x 86.00 = \$0.00 | 1807 | 50 | 1807 | 50 | Prosessing fee under | | | |
| Multiple Dependent = | 1806 | 180 | 1806 | 180 | Submission of Inform | | tmt | |
| Large Entity Small Entity | 8021 | 40 | 8021 | 40 | Recording each pater | | •••• | |
| Fee Fee Fee Fee Description | | | | | property (times numb | | | |
| Code (\$) Code (\$) | 1809 | 770 | 1809 | 385 | Filing a submission af (37 CFR § 1.129(a)) | ter final rejection | | |
| 1202 18 2202 9 Claims in excess of 20 | 1810 | 770 | 2810 | 205 | | | | <u> </u> |
| 1201 | 10.0 | 770 | 2010 | 385 | For each additional in examined (37 CFR § | | | |
| 1203 | 1801 | 770 | 2801 | 385 | Request for Continue | d Examination (RCE | Ε) | |
| patent | 1802 | 900 | 1802 | 900 | Request for expedited | | | |
| 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent | Other fo | ee (specify) | J | | of a design application | | | |
| | | ,, | | | | | | |
| SUBTOTAL (2) (\$) 36.00 | * Reduc | ed by Basic | Filing Fe | ı Fee Paid | | SUBTOTAL (3) | (\$) | |
| **or number previously paid, if greater, For Reissues, see below | | | | | | | (%) | |
| SUBMITTED BY | | | | | Comp | olete (if applica | ible) | |
| Name (Print/Type) Thomas M. Coester | | Registratio Attorney/Age | | 3 | 39,637 | Telephone | (310) 20 | 7-3800 |
| Signature Momas Coistle | | | | | | Date | 12/2 | 9/03 |

Express Mail No.: EV339913886US DOCKET NO.: 51876P543

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re th | e Application of: | 1 |
|----------|--|---|
| You | NG-JIN YOON, ET AL. | Art Group: |
| Applic | ation No.: | Examiner: |
| Filed: | | |
| For: | SYNCHRONOUS MEMORY DEVICE HAVING ADVANCED DATA ALIGN CIRCUIT | |
| P.O. I | nissioner for Patents Box 1450 ndria, VA 22313-1450 | |
| _ | TRANSMITTAL | OF FORMAL DRAWINGS |
| overp | ngs, 12 sheets including 12 Figures. Ple | bove-identified U.S. Patent Application are the formal ease charge any additional fees or credit any 66. A duplicate copy of the Fee Transmittal is |
| Dated: | Dogombor 20, 2002 | Respectfully submitted, Blakely, Sokoloff, Taylor & Zafman LLP Mornas Coeste |
| | December 29, 2003 | Thomas M. Coester, Reg. No. 39,637 |

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